

FEB 17 1982

DMS 1827

U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
Bureau of Labor Standards

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME PEMACO INC.	EMERGENCY TELEPHONE NO. (213) 581-7185
ADDRESS (Number, Street, City, State, and ZIP Code) 5989 District Blvd., Maywood, Ca. 90270	
CHEMICAL NAME AND SYNONYMS Sulfo-chlorinated Cutting Oil	TRADE NAME AND SYNONYMS PEMS 3081-Grade B
CHEMICAL FAMILY Hydrocarbon oil plus E.P. additives	FORMULA

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
none					

SECTION III PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1) @ 60°F	0.925
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (=1)	
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Clear amber liquid with mild characteristic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	310°F - C.O.C.	FLAMMABLE LIMITS	LeI	Uel
EXTINGUISHING MEDIA	Dry chemical type preferred			
SPECIAL FIRE FIGHTING PROCEDURES	none			
UNUSUAL FIRE AND EXPLOSION HAZARDS	none			

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 5 mg./cubic meter (applies to oil mist)

EFFECTS OF OVEREXPOSURE Slight irritation to skin and eyes

EMERGENCY AND FIRST AID PROCEDURESSkin- remove oil by wiping or applying a waterless hand cleaner,
followed by washing with soap and water. Ingestion- consult physician

Eyes- wash with copious quantities of water.

SECTION VI REACTIVITY DATA

STABILITY UNSTABLE CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide may be formed during combustion

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Absorb with clay, diatomaceous earth or other inert material

WASTE DISPOSAL METHOD

Controlled burning or dispose of with plant oil wastes.

SECTION VIII SPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION (Specify type)**

None normally required

VENTILATION

LOCAL EXHAUST

As required if mist is generated

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

None normally required

EYE PROTECTION

Goggles, if oil is being sprayed or
splashed

OTHER PROTECTIVE EQUIPMENT

none

SECTION IX SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Store in a cool place

OTHER PRECAUTIONS

Avoid breathing of oil mist.